L Number	Hits	Search Text	DB	Time stamp
3	3		USPAT;	2004/07/20 16:28
			US-PGPUB;	
_			EPO; JPO;	
			DERWENT; IBM TDB	
1	61	((379/412).CCLS.) and "diode bridge"	USPAT	2004/07/20 16:28
2	254		USPAT;	2004/07/20 16:28
-	204	and "diode bridge") and (((379/412).CCLS.)	US-PGPUB;	
		and surge)) or (((((379/412).CCLS.) and	EPO; JPO;	
		"diode bridge") or (((379/412).CCLS.) and	DERWENT;	
		surge)) and emi) or ((((379/412).CCLS.)	IBM_TDB	
		not ((((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and		
		surge))) and (emi or "electromagnetic		
		interference" or "electro\$magnetic		
		interference")) or (((dsl\$ and protect\$4		
		and modem and interface).ab.) or ((adsl		
		and protect\$4 and modem and		
		interface).ab.) or ((protect\$4 and modem and interface and transient).ab.)) or		
		((protect\$4 and modem and surge).ab.)		
-	126		USPAT	2003/07/28 11:33
-	14	(((379/412).CCLS.) and "diode bridge") and	USPAT	2003/07/28 18:07
		(((379/412).CCLS.) and surge)		0000/05/55 55 5:
-	165		USPAT	2003/07/28 11:54
_	6	(((379/412).CCLS.) and surge) ((((379/412).CCLS.) and "diode bridge") or	USPAT	2003/07/28 12:14
-	0	(((379/412).CCLS.) and surge)) and emi	OSEKI	2003/01/20 12:14
-	200	((379/412).CCLS.) not (((379/412).CCLS.)	USPAT	2003/07/28 12:14
		and "diode bridge") or (((379/412).CCLS.)		
	-	and surge))		000010=100
-	5	(((,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	USPAT	2003/07/28 12:19
		and "diode bridge") or (((379/412).CCLS.) and surge))) and (emi or "electromagnetic		
		interference" or "electro\$magnetic		
		interference")		
-	3		USPAT;	2003/07/28 13:30
		interface).ab.	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
	2	'	USPĀT;	2003/07/28 13:30
		interface).ab.	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
! _	1	(protect\$4 and modem and interface and	USPAT;	2003/07/28 13:38
	-	transient).ab.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	5	(/dsls and protects/) and modern and	IBM TDB	2002/07/20 12:21
_	3	((dsl\$ and protect\$4 and modem and interface).ab.) or ((adsl and protect\$4	USPĀT; US-PGPUB;	2003/07/28 13:31
		and modem and interface).ab.) or	EPO; JPO;	
		((protect\$4 and modem and interface and	DERWENT;	
		transient).ab.)	IBM_TDB	
-	4	(protect\$4 and modem and interface and	USPAT;	2003/07/28 13:38
		surge).ab.	US-PGPUB;	
		·	EPO; JPO; DERWENT;	
			IBM TDB	
-	74	(protect\$4 and modem and surge).ab.	USPAT;	2003/07/28 13:52
		-	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
L			TRM IDR	

-	12	, , , , , , , , , , , , , , , , , , ,	USPAT;	2003/07/28 13:48
		modem.ti.	US-PGPUB; EPO; JPO;	
	1	,	DERWENT;	
			IBM TDB	
_	15565	(data and access and (arrangement	USPAT;	2003/07/28 14:01
		interface)).ab.	US-PGPUB;	
	1		EPO; JPO;	5
	1		DERWENT;	
			IBM_TDB	
-	10	1 (,	USPAT;	2003/07/28 13:58
		interface)).ab.) and (modem and	US-PGPUB;	
		protection).ab.	EPO; JPO; DERWENT;	
			IBM TDB	,
_	911	("data access" and (arrangement interface)	USPAT;	2003/07/28 14:02
İ).ab.	US-PGPUB;	2003,01,20 11102
		, , , , , ,	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	143	("line access" and (arrangement interface)	USPĀT;	2003/07/28 15:17
).ab.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	1054	(("data access" and (arrangement	IBM_TDB USPAT;	2003/07/28 14:04
-	1054	interface)).ab.) or (("line access" and	US-PGPUB;	2003/01/20 14:04
		(arrangement interface)).ab.)	EPO; JPO;	·
		(42-23-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-	DERWENT;	
			IBM TDB	
-	5		USPĀT;	2003/07/28 14:06
İ		interface)).ab.) or (("line access" and	US-PGPUB;	
		(arrangement interface)).ab.)) and	EPO; JPO;	
		(protection and (surge transient)).ab.	DERWENT;	
	1.0	////IIdata aggregationed (aggregation)	IBM_TDB	2002/07/00 14 05
-	18	(((("data access" and (arrangement interface)).ab.) or (("line access" and	USPAT; US-PGPUB;	2003/07/28 14:05
		(arrangement interface)).ab.)) and	EPO; JPO;	
	ì	protection and (surge transient)) or	DERWENT;	
		(((("data access" and (arrangement	IBM TDB	
		interface)).ab.) or (("line access" and	_	
İ		(arrangement interface)).ab.)) and		
ŀ		(protection and (surge transient)).ab.)		
_	16	((() () () () () () () () (USPAT;	2003/07/28 14:06
		interface)).ab.) or (("line access" and (arrangement interface)).ab.)) and	US-PGPUB;	
		protection and (surge transient)) or	EPO; JPO; DERWENT;	
		(((("data access" and (arrangement	IBM_TDB	
İ		interface)).ab.) or (("line access" and		
		(arrangement interface)).ab.)) and		
		(protection and (surge transient)).ab.))		
		not (((379/27.05).CCLS.) or		
		((((379/412).CCLS.) and "diode bridge")		
		and (((379/412).CCLS.) and surge)) or]
		((((((379/412).CCLS.) and "diode bridge") or (((379/412).CCLS.) and surge)) and emi)		
		or ((((379/412).CCLS.) and surge)) and emi)		
		((((379/412).CCLS.) and "diode bridge") or		
		(((379/412).CCLS.) and surge))) and (emi		
		or "electromagnetic interference" or		
		"electro\$magnetic interference")) or		
		(((dsl\$ and protect\$4 and modem and		
		interface).ab.) or ((adsl and protect\$4		
		and modem and interface).ab.) or		
		((protect\$4 and modem and interface and		
		transient).ab.)) or ((protect\$4 and modem and surge).ab.))		
L	I	u 54190/.42.//	L	ı

Page 2

-	9	(US-6411680-\$ or US-6282271-\$ or	USPAT	2003/07/28 14:51
		US-6212258-\$ or US-6563926-\$ or US-5146384-\$ or US-4941063-\$ or		
		US-5642416-\$ or US-5369666-\$ or		
		US-6351530-\$).did.		
_	2	((US-6411680-\$ or US-6282271-\$ or	USPAT	2003/07/28 14:57
		US-6212258-\$ or US-6563926-\$ or		
		US-5146384-\$ or US-4941063-\$ or		
		US-5642416-\$ or US-5369666-\$ or		
		US-6351530-\$).did.) and emi		
-	163	("data access arrangement").ab.	USPAT;	2003/07/28 15:18
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	161	(("data access arrangement").ab.) not	USPAT;	2003/07/28 15:19
		(((379/27.05).CCLS.) or	US-PGPUB;	
		((((379/412).CCLS.) and "diode bridge")	EPO; JPO;	
		and (((379/412).CCLS.) and surge)) or	DERWENT;	
		(((((379/412).CCLS.) and "diode bridge")	IBM_TDB	
		or (((379/412).CCLS.) and surge)) and emi)		
		or ((((379/412).CCLS.) not ((((379/412).CCLS.) and "diode bridge") or		
		((((379/412).CCLS.) and "diode bridge") or ((((379/412).CCLS.) and surge))) and (emi		
		or "electromagnetic interference" or		
		"electro\$magnetic interference")) or		
		(((dsl\$ and protect\$4 and modem and		
		interface).ab.) or ((adsl and protect\$4		
		and modem and interface).ab.) or		•
		((protect\$4 and modem and interface and		
		transient).ab.)) or ((protect\$4 and modem		
_	1	and surge).ab.)) ((("data access arrangement").ab.) not	USPAT;	2003/07/28 15:25
		(((379/27.05).CCLS.) or	US-PGPUB;	2003/07/26 13:23
		((((379/412).CCLS.) and "diode bridge")	EPO; JPO;	
İ		and (((379/412).CCLS.) and surge)) or	DERWENT;	
		(((((379/412).CCLS.) and "diode bridge")	IBM_TDB	
		or (((379/412).CCLS.) and surge)) and emi)		
		or ((((379/412).CCLS.) not		
		((((379/412).CCLS.) and "diode bridge") or		
		(((379/412).CCLS.) and surge))) and (emi or "electromagnetic interference" or		
		"electrosmagnetic interference")) or		
		(((dsl\$ and protect\$4 and modem and		
		interface).ab.) or ((adsl and protect\$4		
		and modem and interface).ab.) or		
		((protect\$4 and modem and interface and		
		transient).ab.)) or ((protect\$4 and modem		
_	1,4	and surge).ab.))) and chassis	HCDAM.	2003/07/28 15:34
1-	14	(capacitor with (EMI or electromagnetic) with "chassis ground")	USPAT; US-PGPUB;	2003/07/28 15:34
		with thasis ground /	EPO; JPO;	
			DERWENT;	
			IBM TDB	!
-	56	(modem and (chassis chasis)).ab.	USPAT;	2003/07/28 15:35
			US-PGPUB;	
		•	EPO; JPO;	
			DERWENT;	-
_	1	((modem and (chassis chasis)).ab.) and	IBM_TDB USPAT;	2003/07/28 15:57
_		ground.ab.	US-PGPUB;	2003/01/20 13:3/
	ļ	9200110.00.	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	2		USPAT;	2003/07/28 15:59
		modem).ab.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
L		<u> </u>	IBM_TDB	

_	16	(capacitor and ground and modem).ab.	USPAT;	2003/07/28 16:01
1			US-PGPUB;	
			EPO; JPO;	
1			DERWENT;	
			IBM TDB	
_	64	"diode bridge" same capacitor same filter	USPAT;	2003/07/28 16:14
		same (emi electromagnetic	US-PGPUB;	!
}		electro\$magnetic)	EPO; JPO;	
			DERWENT;	
			IBM TDB	
	0	(emi esd electrostatic electromagnetic)	USPAT	2003/07/28 16:29
		with "diode bridge" with (couple decouple)	001	2003, 01, 20 20123
!		with filter		
i _ '	5430	"diode bridge"	USPAT	2003/07/28 16:29
! _	1	("0000379").PN.	USPAT	2003/07/28 16:35
	42845		USPAT	2003/07/28 16:29
! _	634	(("379").CLAS.) and "diode bridge"	USPAT;	2003/07/28 16:30
-	034	((379).CLAS.) and diode bridge	US-PGPUB;	2003/07/28 16:30
!			•	
			EPO; JPO;	
,	Ī		DERWENT;	!
	202	///H270H) OT NO) and Hateas bestaces to	IBM_TDB	2002/07/20 16 25
-	292	((("379").CLAS.) and "diode bridge") and	USPAT;	2003/07/28 16:35
1		((coupl\$4 decoupl\$4) with capacitor)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	34	(((("379").CLAS.) and "diode bridge") and	USPAT;	2003/07/28 16:46
		((coupl\$4 decoupl\$4) with capacitor)) and	US-PGPUB;	
		(emi esd electrostatic electromagnetic)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	100999	network same coup1\$3	USPAT;	2003/07/28 16:50
			US-PGPUB;	
			EPO; JPO;	
,			DERWENT;	
			IBM_TDB	
-	10413	network adj coupl\$3	USPAT;	2003/07/28 16:50
1	•		US-PGPUB;	
			EPO; JPO;	
!			DERWENT;	
			IBM_TDB	[
-	12302	(diode or (full\$wave)) adj bridge	USPAT;	2003/07/28 16:53
1			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	1
			IBM_TDB	
-	10618	diode adj1 bridge	USPAT;	2003/07/28 16:52
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	683	(("379").CLAS.) and ((diode or	USPAT;	2003/07/28 16:53
		(full\$wave)) adj bridge)	US-PGPUB;	
[EPO; JPO;	
			DERWENT;	
1			IBM_TDB	
-	19	((("379").CLAS.) and ((diode or	USPĀT;	2003/07/28 17:19
		(full\$wave)) adj bridge)) and (network adj	US-PGPUB;	
1		coupl\$3)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	16	(electromagnetic electro\$magnetic emi	USPĀT;	2003/07/28 17:28
		"(emi)") same suppression same capacitor	US-PGPUB;	
		and (phone or telephone or modem or	EPO; JPO;	
		network or (data adj access adj	DERWENT;	
		arrangement)).ab.	IBM_TDB	1

				222/22/22 22 25
-	16	((electromagnetic electro\$magnetic emi	USPAT;	2003/07/28 17:25
		"(emi)") same suppression same capacitor	US-PGPUB;	
		and (phone or telephone or modem or	EPO; JPO;	
		network or (data adj access adj	DERWENT;	
		arrangement)).ab.) not	IBM_TDB	
1		((((379/27.05).CCLS.) or		
		((((379/412).CCLS.) and "diode bridge")		
		and (((379/412).CCLS.) and surge)) or		
		(((((379/412).CCLS.) and "diode bridge")		
		or (((379/412).CCLS.) and surge)) and emi)		
		or ((((379/412).CCLS.) not	,	
		((((379/412).CCLS.) and "diode bridge") or		
		(((379/412).CCLS.) and surge))) and (emi		
		or "electromagnetic interference" or		
		"electro\$magnetic interference")) or		
		(((dsl\$ and protect\$4 and modem and		
		interface).ab.) or ((adsl and protect\$4		
		and modem and interface).ab.) or		
		((protect\$4 and modem and interface and		
		transient).ab.)) or ((protect\$4 and modem		
		and surge).ab.)) ((((("379").CLAS.) and		
		"diode bridge") and ((coupl\$4 decoupl\$4)		
		with capacitor)) and (emi esd		
		electrostatic electromagnetic))		
		(((("379").CLAS.) and ((diode or		
		(full\$wave)) adj bridge)) and (network adj		
		coup1\$3)))		
_	42	(electromagnetic electro\$magnetic emi	USPAT;	2003/07/28 18:01
		"(emi)") same suppres\$4 same capacitor and	US-PGPUB;	
		(phone or telephone or modem or network or	EPO; JPO;	
		(data adj access adj arrangement)).ab.	DERWENT;	
			IBM TDB	
_	42	((electromagnetic electro\$magnetic emi	USPAT;	2003/07/28 17:39
		"(emi)") same suppres\$4 same capacitor and	US-PGPUB;	
		(phone or telephone or modem or network or	EPO; JPO;	
	j	(data adj access adj arrangement)).ab.)	DERWENT;	
		not (((("379").CLAS.) and ((diode or	IBM TDB	
		(full\$wave)) adj bridge)) and (network adj		
		coup1\$3))		
_	1	l	USPAT	2003/07/28 17:53
-	Ō	("capacitorwithsurgewithprotect\$4withemi").		2003/07/28 18:05
_	192443	capacitor withsurge with protect\$4 with	USPAT	2003/07/28 17:54
		emi	-	
-	4	capacitor with surge with protect\$4 with	USPAT	2003/07/28 18:00
	•	emi		
-	1823468	(modem (data access)).ab.	USPAT;	2003/07/28 18:02
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	33824	(modem ("data access")).ab.	USPAT;	2003/07/28 18:02
	33024	1	US-PGPUB;	2000,01,20 10.02
			EPO; JPO;	
	1		DERWENT;	
			IBM TDB	
1_	338	((modem ("data access")).ab.) and	USPAT;	2003/07/28 18:04
	338	((protect\$4 suppres\$4) with (voltage	US-PGPUB;	2003/07/20 10.04
		transient))	EPO; JPO;	
		cranstenc//	DERWENT;	
			IBM TDB	
_	44	(((modem ("data access")).ab.) and	USPAT;	2003/07/28 18:05
	"4	((protect\$4 suppres\$4) with (voltage	US-PGPUB;	2003/07/28 10:05
		transient))) and ((diode or full\$wave)adj	EPO; JPO;	
	1	(bridge rectif\$3))		
		(DIIIGE IECCIIA3/)	DERWENT; IBM TDB	
1	ł		מת דוומד ו	l

-	256	(((379/27.05).CCLS.) or	USPAT;	2003/07/28 18:07
		((((379/412).CCLS.) and "diode bridge")	US-PGPUB;	
		and (((379/412).CCLS.) and surge)) or	EPO; JPO;	
		(((((379/412).CCLS.) and "diode bridge")	DERWENT;	
		or (((379/412).CCLS.) and surge)) and emi)	IBM_TDB	
		or ((((379/412).CCLS.) not		
		((((379/412).CCLS.) and "diode bridge") or	į	
		(((379/412).CCLS.) and surge))) and (emi	į	
		or "electromagnetic interference" or		
		"electro\$magnetic interference")) or		
		(((dsl\$ and protect\$4 and modem and		
		interface).ab.) or ((adsl and protect\$4		
		and modem and interface).ab.) or		•
		((protect\$4 and modem and interface and		
		transient).ab.)) or ((protect\$4 and modem		
		and surge).ab.)) (((("data access" and		
		(arrangement interface)).ab.) or (("line		
		access" and (arrangement interface)		
).ab.)) and (protection and (surge		
1		transient)).ab.) ((capacitor with (EMI or		
1	· ·	electromagnetic) with "chassis ground"))		
		((modem and (chassis chasis)).ab.)		
		((capacitor and ground and modem).ab.)		
		((((("379").CLAS.) and "diode bridge") and		
		((coupl\$4 decoupl\$4) with capacitor)) and		
		(emi esd electrostatic electromagnetic))		
		(((("379").CLAS.) and ((diode or		
		(full\$wave)) adj bridge)) and (network adj		
	_	coup1\$3))		, _ , _ , , ,
-	0	(((((modem ("data access")).ab.) and	USPAT;	2003/07/29 10:28
		((protect\$4 suppres\$4) with (voltage	US-PGPUB;	
		transient))) and ((diode or full\$wave)adj	EPO; JPO;	
		(bridge rectif\$3))) not	DERWENT;	
		((((379/27.05).CCLS.) or	IBM_TDB	
		((((379/412).CCLS.) and "diode bridge")		
1		and (((379/412).CCLS.) and surge)) or		
		((((((379/412).CCLS.) and "diode bridge")		
]	or (((379/412).CCLS.) and surge)) and emi)		
		or ((((379/412).CCLS.) not (((((379/412).CCLS.) and "diode bridge") or		
1		(((379/412).CCLS.) and surge))) and (emi		
		or "electromagnetic interference" or		
		"electro\$magnetic interference")) or		
		(((dsl\$ and protect\$4 and modem and		
		interface).ab.) or ((adsl and protect\$4		
		and modem and interface).ab.) or		
		((protect\$4 and modem and interface and		
	[transient).ab.)) or ((protect\$4 and modem		
		and surge).ab.)) ((("data access" and		
	!	(arrangement interface)).ab.) or (("line		
1		access" and (arrangement interface)		
	[).ab.)) and (protection and (surge		
		transient)).ab.) ((capacitor with (EMI or		
	1	electromagnetic) with "chassis ground"))		
	[((modem and (chassis chasis)).ab.)		
	1	((capacitor and ground and modem).ab.)		
		((((("379").CLAS.) and "diode bridge") and		
	1	((coupl\$4 decoupl\$4) with capacitor)) and		
}	1	(emi esd electrostatic electromagnetic))		
	1	(((("379").CLAS.) and ((diode or		
		(full\$wave)) adj bridge)) and (network adj		
	1	coupl\$3)))) and (chassis chasis)		0000/07/00 15 55
-	113267	chassis or chasis	USPAT;	2003/07/29 10:28
			US-PGPUB;	
			EPO; JPO;	
	1		DERWENT;	
			IBM_TDB	

	98974	379/\$	USPAT;	2003/07/29 10:31
-	303/4	31314	US-PGPUB;	2003/07/23 10.31
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	63	361/119 and chassis	USPAT;	2003/07/29 13:44
-	63	301/119 and chassis	US-PGPUB;	2003/07/23 13.44
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	1	("4758920").PN.	USPAT	2003/07/29 14:20
	140	varistor and (modem "data access	USPAT;	2003/07/29 14:20
_	140	arrangement" daa) and configuration and	US-PGPUB;	2003/07/23 14:31
		(protect\$4 suppres\$4) and interface	EPO; JPO;	
		(procect34 suppres34) and interface	1	
			DERWENT;	
_	42	((((modem ("data access")).ab.) and	IBM_TDB USPAT;	2003/07/29 14:29
_	42	((protect\$4 suppres\$4) with (voltage	US-PGPUB;	2003/07/29 14:29
		transient))) and ((diode or full\$wave)adj	EPO; JPO;	
		(bridge rectif\$3))) not	DERWENT;	
		(((((379/27.05).CCLS.) or	IBM TDB	
		((((379/27.03).ccbs.) of ((((379/412).ccbs.) and "diode bridge")	104-106	
		and (((379/412).CCLS.) and surge)) or		
		(((((379/412).CCLS.) and "diode bridge")		
		or (((379/412).ccls.) and surge)) and emi)		
		or ((((379/412).CCLS.) not		
}		((((379/412).CCLS.) and "diode bridge") or		
	!	(((379/412).CCLS.) and surge))) and (emi		
		or "electromagnetic interference" or		
1		"electro\$magnetic interference")) or		
		(((dsl\$ and protect\$4 and modem and		
		interface).ab.) or ((adsl and protect\$4		
		and modem and interface).ab.) or		<u> </u>
		((protect\$4 and modem and interface and		
		transient).ab.)) or ((protect\$4 and modem		
		and surge).ab.)) (((("data access" and		
		(arrangement interface)).ab.) or (("line		
		access" and (arrangement interface)		
).ab.)) and (protection and (surge		:
		transient)).ab.) ((capacitor with (EMI or		
		electromagnetic) with "chassis ground"))		
		((modem and (chassis chasis)).ab.)		
		((capacitor and ground and modem).ab.)		
		((((("379").CLAS.) and "diode bridge") and		
		((coupl\$4 decoupl\$4) with capacitor)) and		
		(emi esd electrostatic electromagnetic))		
		(((("379").CLAS.) and ((diode or		
		(full\$wave)) adj bridge)) and (network adj		
		coup1\$3)))		

_	136	(varistor and (modem "data access	USPAT;	2003/07/29 14:29
		arrangement" daa) and configuration and	US-PGPUB;	
		(protect\$4 suppres\$4) and interface) not	EPO; JPO;	
		(((((modem ("data access")).ab.) and	DERWENT;	
		((protect\$4 suppres\$4) with (voltage	IBM TDB	
		transient))) and ((diode or full\$wave)adj	_	ļ
		(bridge rectif\$3))) not		
		((((379/27.05).CCLS.) or		
		((((379/412).CCLS.) and "diode bridge")		
		and (((379/412).CCLS.) and surge)) or	:	
		(((((379/412).CCLS.) and "diode bridge")		
		or (((379/412).CCLS.) and surge)) and emi)		
		or ((((379/412).CCLS.) not		
		((((379/412).CCLS.) and "diode bridge") or		
		(((379/412).CCLS.) and surge))) and (emi		
		or "electromagnetic interference" or		
		"electro\$magnetic interference")) or		
		(((dsl\$ and protect\$4 and modem and		
		interface).ab.) or ((adsl and protect\$4		
		and modem and interface).ab.) or		
		((protect\$4 and modem and interface and		
		transient).ab.)) or ((protect\$4 and modem		
		and surge).ab.)) (((("data access" and	ļ	
		(arrangement interface)).ab.) or (("line	İ	
		access" and (arrangement interface)		
).ab.)) and (protection and (surge	ţ	
		transient)).ab.) ((capacitor with (EMI or		
		electromagnetic) with "chassis ground"))		
		((modem and (chassis chasis)).ab.)		
		((capacitor and ground and modem).ab.)		
		((((("379").CLAS.) and "diode bridge") and		
		((coupl\$4 decoupl\$4) with capacitor)) and		
		(emi esd electrostatic electromagnetic))		
		(((("379").CLAS.) and ((diode or		ļ
		(full\$wave)) adj bridge)) and (network adj		
		coupl\$3))))		
_	22	1 • ' '''	USPAT;	2003/07/29 14:31
		arrangement" daa) and configuration and	US-PGPUB;	2333,31,23 14.31
		(protect\$4 suppres\$4) and interface) and	EPO; JPO;	İ
		("diode bridge" or full\$wave)	DERWENT;	
		, along brings or rathymato,	IBM TDB	
_	127	((modem "data access arrangement" daa) and	USPAT;	2003/07/29 14:39
		(protect\$4 suppres\$4) and interface).ab.	US-PGPUB;	2000,00,00
		'process' suppress', and incorrace, and	EPO; JPO;	
			DERWENT;	
			IBM TDB	•

Page 8

-	124	(((modem "data access arrangement" daa)	USPAT;	2003/07/29 14:35
		and (protect\$4 suppres\$4) and	US-PGPUB;	
		interface).ab.) not ((((modem ("data	EPO; JPO;	
		access")).ab.) and ((protect\$4 suppres\$4)	DERWENT;	
		with (voltage transient))) and ((diode or	IBM_TDB	
		full\$wave)adj (bridge rectif\$3))) not		
	ĺ	((((379/27.05).CCLS.) or		
	•	((((379/412).CCLS.) and "diode bridge")		
		and (((379/412).CCLS.) and surge)) or		
		(((((379/412).CCLS.) and "diode bridge")		
	•	or (((379/412).CCLS.) and surge)) and emi)		
		or ((((379/412).CCLS.) not		
İ		((((379/412).CCLS.) and "diode bridge") or		
		(((379/412).CCLS.) and surge))) and (emi		
		1 , , , , , , , , , , , , , , , , , , ,		
i		or "electromagnetic interference" or		
		"electro\$magnetic interference")) or		
-		(((dsl\$ and protect\$4 and modem and		
		interface).ab.) or ((adsl and protect\$4		
		and modem and interface).ab.) or		
		((protect\$4 and modem and interface and		
		transient).ab.)) or ((protect\$4 and modem		
		and surge).ab.)) (((("data access" and		
		(arrangement interface)).ab.) or (("line		
		access" and (arrangement interface)		
).ab.)) and (protection and (surge		
	1	transient)).ab.) ((capacitor with (EMI or		
		electromagnetic) with "chassis ground"))		
		((modem and (chassis chasis)).ab.)		
		((capacitor and ground and modem).ab.)		
		((((("379").CLAS.) and "diode bridge") and		
		((coupl\$4 decoupl\$4) with capacitor)) and		
		(emi esd electrostatic electromagnetic))		
	Ì	(((("379").CLAS.) and ((diode or		
		(full\$wave)) adj bridge)) and (network adj		
		coupl\$3))))		
1_	۱ ،	20030086560.URPN.	USPAT	2003/07/29 14:35
		(modem "data access arrangement" daa).ab.	USPAT;	2003/07/29 14:41
-	2,0	and (protect\$4 suppres\$4).ti.	US-PGPUB;	2005/07/25 14:41
		and (protects4 suppress4).tr.		
			EPO; JPO;	
			DERWENT;	
	.	//	IBM_TDB	2002/07/00 14:47
-	4	, ,	USPAT;	2003/07/29 14:47
		and (protect\$4 suppres\$4).ti.) and	US-PGPUB;	l i
1	1	(varist\$2 sidact\$4)	EPO; JPO;	
			DERWENT;	
1			IBM_TDB	
-	0	("4023071,4616286").PN.	USPAT	2003/07/29 14:47
-	1	("4023071").PN.	USPAT	2003/07/29 14:58
-	1	("4616286").PN.	USPAT	2003/07/29 14:49
-	0	1 1 1 1 1 1 1 1 1 1	USPAT	2003/07/29 14:58
-	377	(379/412).CCLS.	USPAT	2004/01/28 14:42
-	24	(379/27.05).CCLS.	USPAT	2004/01/28 14:42
-	1734	361/119	USPAT;	2004/01/28 14:43
1			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	2007	((379/412).CCLS.) ((379/27.05).CCLS.)	USPAT;	2004/01/28 14:44
	2007	361/119	US-PGPUB;	2004/01/20 14.44
		301/113	EPO; JPO;	
			1	
		·	DERWENT;	
1	1		IBM_TDB	I